

DIAGNOSTIC ACCREDITATION PROGRAM

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Laboratory Medicine – Scope of Accreditation

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| Facility name | Nicola Valley Hospital and Health Centre |
| Facility address | 3451 Voght St. Merritt, BC V1K 1C6 |
| Facility code | 0223LM |
| Corporate entity/health authority | Interior Health Authority |
| Accreditation | Full Accreditation |
| Effective date | 2022-04-19 |
| Expiry date | 2026-05-25 |
| Laboratory Standard | Version 1.5 |

The College of Physicians and Surgeons of BC Diagnostic Accreditation Program accredits the capability of the named facility to perform the listed services and examinations/procedures.

Services

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|----------------------------------|---------------------------|----------------|
| Chemistry | Acetaminophen | Colorimetric | Blood - Plasma |
| Chemistry | Acetaminophen | Colorimetric | Blood - Serum |
| Chemistry | Alanine Aminotransferase (ALT) | Spectrophotometry | Blood - Plasma |
| Chemistry | Alanine Aminotransferase (ALT) | Spectrophotometry | Blood - Serum |
| Chemistry | Albumin | Colorimetric | Blood - Plasma |
| Chemistry | Albumin | Colorimetric | Blood - Serum |
| Chemistry | Alkaline phosphatase (ALP) | Spectrophotometry | Blood - Plasma |
| Chemistry | Alkaline phosphatase (ALP) | Spectrophotometry | Blood - Serum |
| Chemistry | Amphetamine | Immunoassay, lateral flow | Urine |
| Chemistry | Aspartate Aminotransferase (AST) | Spectrophotometry | Blood - Plasma |
| Chemistry | Aspartate Aminotransferase (AST) | Spectrophotometry | Blood - Serum |
| Chemistry | Barbiturates | Immunoassay, lateral flow | Urine |
| Chemistry | Benzodiazepines | Immunoassay, lateral flow | Urine |
| Chemistry | Bilirubin, total | Colorimetric | Blood - Plasma |
| Chemistry | Bilirubin, total | Colorimetric | Blood - Serum |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|------------------------------------|---------------------------|-------------------------------|
| Chemistry | Blood Gases – pCO ₂ | Potentiometry | Blood - Arterial whole blood |
| Chemistry | Blood gases – pCO ₂ | Potentiometry | Blood - Capillary whole blood |
| Chemistry | Blood gases – pCO ₂ | Potentiometry | Blood - Cord |
| Chemistry | Blood gases – pCO ₂ | Potentiometry | Blood - Venous whole blood |
| Chemistry | Blood Gases – pH | Potentiometry | Blood - Arterial whole blood |
| Chemistry | Blood gases – pH | Potentiometry | Blood - Capillary whole blood |
| Chemistry | Blood gases – pH | Potentiometry | Blood - Cord |
| Chemistry | Blood Gases – pH | Potentiometry | Blood - Venous whole blood |
| Chemistry | Blood Gases – pO ₂ | Amperometry | Blood - Arterial whole blood |
| Chemistry | Blood gases – pO ₂ | Amperometry | Blood - Capillary whole blood |
| Chemistry | Blood gases – pO ₂ | Amperometry | Blood - Cord |
| Chemistry | Calcium, total | Spectrophotometry | Blood - Plasma |
| Chemistry | Calcium, total | Spectrophotometry | Blood - Serum |
| Chemistry | Cannabinoids | Immunoassay, lateral flow | Urine |
| Chemistry | Chloride | Potentiometry | Blood - Arterial whole blood |
| Chemistry | Chloride | Potentiometry | Blood - Plasma |
| Chemistry | Chloride | Potentiometry | Blood - Serum |
| Chemistry | Chloride | Potentiometry | Blood - Venous whole blood |
| Chemistry | CO ₂ , total | Potentiometry | Blood - Capillary whole blood |
| Chemistry | CO ₂ , total | Potentiometry | Blood - Cord |
| Chemistry | CO ₂ , total | Potentiometry | Blood - Venous whole blood |
| Chemistry | CO ₂ , total | Spectrophotometry | Blood - Plasma |
| Chemistry | CO ₂ , total | Spectrophotometry | Blood - Serum |
| Chemistry | Cocaine derivatives | Immunoassay, lateral flow | Urine |
| Chemistry | Creatinine | Amperometry | Blood - Venous whole blood |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|---|--------------------------------|----------------------------|
| Chemistry | Creatinine | Spectrophotometry | Blood - Plasma |
| Chemistry | Creatinine | Spectrophotometry | Blood - Serum |
| Chemistry | estimated Glomerular Filtration Rate (eGFR) | Calculated | Blood - Plasma |
| Chemistry | estimated Glomerular Filtration Rate (eGFR) | Calculated | Blood - Serum |
| Chemistry | estimated Glomerular Filtration Rate (eGFR) | Calculated | Blood - Venous whole blood |
| Chemistry | Ethanol | Spectrophotometry | Blood - Plasma |
| Chemistry | Ethanol | Spectrophotometry | Blood - Serum |
| Chemistry | Fentanyl | Immunoassay, lateral flow | Urine |
| Chemistry | Gamma-glutamyl transferase (GGT) | Spectrophotometry | Blood - Plasma |
| Chemistry | Gamma-glutamyl transferase (GGT) | Spectrophotometry | Blood - Serum |
| Chemistry | Glucose | Amperometry | Blood - Venous whole blood |
| Chemistry | Glucose | Spectrophotometry | Blood - Plasma |
| Chemistry | Glucose | Spectrophotometry | Blood - Serum |
| Chemistry | Human chorionic gonadotropin (hCG) Qualitative | Immunoassay, lateral flow | Blood - Serum |
| Chemistry | Human chorionic gonadotropin (hCG) Qualitative | Immunoassay, lateral flow | Urine |
| Chemistry | Human chorionic gonadotropin (hCG) Quantitative | Immunoassay, chemiluminescence | Blood - Plasma |
| Chemistry | Human chorionic gonadotropin (hCG) Quantitative | Immunoassay, chemiluminescence | Blood - Serum |
| Chemistry | Lactate | Colorimetric | Blood - Plasma |
| Chemistry | Lactate dehydrogenase (LDH) | Spectrophotometry | Blood - Plasma |
| Chemistry | Lactate dehydrogenase (LDH) | Spectrophotometry | Blood - Serum |
| Chemistry | Lipase | Colorimetric | Blood - Plasma |
| Chemistry | Lipase | Colorimetric | Blood - Serum |
| Chemistry | Magnesium | Spectrophotometry | Blood - Plasma |
| Chemistry | Magnesium | Spectrophotometry | Blood - Serum |
| Chemistry | Methadone | Immunoassay, lateral flow | Urine |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|---------------------------------------|--------------------------------|------------------------------|
| Chemistry | Methamphetamine | Immunoassay, lateral flow | Urine |
| Chemistry | Methylenedioxy-methamphetamine (MDMA) | Immunoassay, lateral flow | Urine |
| Chemistry | Opiates | Immunoassay, lateral flow | Urine |
| Chemistry | Oxycodone | Immunoassay, lateral flow | Urine |
| Chemistry | Phosphorus | Colorimetric | Blood - Plasma |
| Chemistry | Phosphorus | Colorimetric | Blood - Serum |
| Chemistry | Potassium | Potentiometry | Blood - Arterial whole blood |
| Chemistry | Potassium | Potentiometry | Blood - Plasma |
| Chemistry | Potassium | Potentiometry | Blood - Serum |
| Chemistry | Potassium | Potentiometry | Blood - Venous whole blood |
| Chemistry | Protein, total | Colorimetric | Blood - Plasma |
| Chemistry | Protein, total | Colorimetric | Blood - Serum |
| Chemistry | ROM - Fetal fibronectin (FN) | Immunochromatography | Swab |
| Chemistry | Salicylate | Spectrophotometry | Blood - Serum |
| Chemistry | Sodium | Potentiometry | Blood - Arterial whole blood |
| Chemistry | Sodium | Potentiometry | Blood - Plasma |
| Chemistry | Sodium | Potentiometry | Blood - Serum |
| Chemistry | Sodium | Potentiometry | Blood - Venous whole blood |
| Chemistry | Tricyclic Antidepressants (TCA) | Immunoassay, lateral flow | Urine |
| Chemistry | Troponin I | Amperometry | Blood - Venous whole blood |
| Chemistry | Troponin I | Immunoassay, chemiluminescence | Blood - Plasma |
| Chemistry | Urea | Potentiometry | Blood - Venous whole blood |
| Chemistry | Urea | Spectrophotometry | Blood - Plasma |
| Chemistry | Urea | Spectrophotometry | Blood - Serum |
| Chemistry | Urinalysis, macroscopic | Reflectance Photometry | Urine |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|--|---|--|
| Chemistry | Urinalysis, microscopic | Microscopy - Phase contrast | Urine |
| Hematology | Activated partial thromboplastin time (aPTT) | Photometric | Blood - Plasma |
| Hematology | Blood parasite antigen detection | Immunoassay, lateral flow | Blood - Venous whole blood |
| Hematology | Blood parasite identification | Stains, Routine | Blood - Venous whole blood |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Ascites |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Cerebrospinal |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Pericardial |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Peritoneal Dialysate |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Pleural |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Synovial |
| Hematology | Cell Count, Red Blood Cell (RBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid, as approved by Laboratory Physician |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Ascites |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Cerebrospinal |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Pericardial |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Peritoneal Dialysate |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Pleural |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid - Synovial |
| Hematology | Cell Count, Red Blood Cell (RBC) | Hemocytometer | Fluid, as approved by Laboratory Physician |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Ascites |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Cerebrospinal |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Pericardial |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Peritoneal Dialysate |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|---|---|--|
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Pleural |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid - Synovial |
| Hematology | Cell Count, White Blood Cell (WBC) | Flow cytometry & Impedance counting & Turbidimetric, combined | Fluid, as approved by Laboratory Physician |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Ascites |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Cerebrospinal |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Pericardial |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Peritoneal Dialysate |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Pleural |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid - Synovial |
| Hematology | Cell Count, White Blood Cell (WBC) | Hemocytometer | Fluid, as approved by Laboratory Physician |
| Hematology | Cell morphology - Routine stain(s) | Microscopy - Bright Field | Blood - Venous whole blood |
| Hematology | Complete Blood Count (CBC) - 3 part differential | Impedance counting & Turbidimetric combined | Blood - Venous whole blood |
| Hematology | Complete Blood Count (CBC) - 5 part differential | Flow cytometry & Impedance counting & Turbidimetric, combined | Blood - Venous whole blood |
| Hematology | D-dimer | Immunoturbidometry | Blood - Plasma |
| Hematology | Infectious mononucleosis | Immunoassay, lateral flow | Blood - Serum |
| Hematology | International normalized ratio (INR) | Calculated | Blood - Plasma |
| Hematology | International normalized ratio (INR) | Calculated | Blood - Venous whole blood |
| Hematology | Semen analysis, Count | Hemocytometer | Fluid - Semen |
| Hematology | Semen analysis, Morphology | Microscopy - Phase contrast | Fluid - Semen |
| Hematology | Semen analysis, Motility | Microscopy - Phase contrast | Fluid - Semen |
| Hematology | Semen analysis, Post Vasectomy - presence/absence | Microscopy - Bright Field | Fluid - Semen |
| Hematology | WBC differential | Microscopy - Bright Field | Blood - Venous whole blood |
| Hematology | WBC differential | Stains, Routine | Blood - Venous whole blood |
| POCT | Amphetamine | Immunoassay, lateral flow | Urine |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|--|---|-------------------------------|
| POCT | Benzodiazepines | Immunoassay, lateral flow | Urine |
| POCT | Buprenorphine | Immunoassay, lateral flow | Urine |
| POCT | Cocaine derivatives | Immunoassay, lateral flow | Urine |
| POCT | Fentanyl | Immunoassay, lateral flow | Urine |
| POCT | Glucose | Electrochemistry | Blood - Capillary whole blood |
| POCT | Human chorionic gonadotropin (hCG) Qualitative | Immunoassay, lateral flow | Urine |
| POCT | Lactate | Amperometry | Blood - Arterial whole blood |
| POCT | Lactate | Amperometry | Blood - Venous whole blood |
| POCT | Methadone metabolite (EDDP) | Immunoassay, lateral flow | Urine |
| POCT | Opiates | Immunoassay, lateral flow | Urine |
| POCT | Oxycodone | Immunoassay, lateral flow | Urine |
| POCT | Urinalysis, macroscopic | Reflectance Photometry | Urine |
| Sample Collection | Sample Collection | Capillary | Blood |
| Sample Collection | Sample Collection | Providing patient instructions for self-collected samples | Sputum |
| Sample Collection | Sample Collection | Providing patient instructions for self-collected samples | Stool |
| Sample Collection | Sample Collection | Providing patient instructions for self-collected samples | Swab |
| Sample Collection | Sample Collection | Providing patient instructions for self-collected samples | Urine |
| Sample Collection | Sample Collection | Venipuncture | Blood |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Blood |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Fluid |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Foreign bodies |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Sputum |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Stool |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Swab |
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Tissue |

| DAP Scope Classification | Examination (Analyte/Procedure) | Methodology/principle | Sample Type |
|--------------------------|---|--|----------------------------|
| Sample Collection | Sample Processing | Receipt, accessioning, storage, transportation, disposal | Urine |
| Transfusion Medicine | ABO typing | Serological - Manual | Blood - Venous whole blood |
| Transfusion Medicine | Antibody screening | Serological - Gel | Blood - Plasma |
| Transfusion Medicine | Compatibility testing | Crossmatch - computer | N/A |
| Transfusion Medicine | Compatibility testing | Crossmatch - serological | Blood - Plasma |
| Transfusion Medicine | Modification of Blood Products | N/A | N/A |
| Transfusion Medicine | Receipt, Storage and Issue Blood Products | N/A | N/A |
| Transfusion Medicine | Rh (D) typing | Serological - Manual | Blood - Venous whole blood |